

Peak District National Park

Forecast valid from 00:00 on Monday 11 Oct 2021 until 23:59 on Tuesday 12 Oct 2021

Forecast Issued on Sunday 10 Oct 2021 at 15:44

Confidence: High for often cloudy with a little rain at times, but lower for cloud details

Headline for Monday 11 Oct 2021: Bright start, cloudier afternoon with some patchy rain.

Mountain weather hazards on Monday 11 Oct 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	<05%	10%	20%

Forecast for Monday 11 Oct 2021

Weather: Dry with clear spells overnight, with a few low level fog patches, then a bright morning with some sunny spells. Cloud increasing during the afternoon, especially over western hills, with eastern hills hanging on to some brightness until evening. Cloudy through the evening, with patchy rain or drizzle possible in west.

Chance of cloud free mountain/hill tops above 600m: Close to 100% through much of the morning but falling to 30% in west and 60% in east through the afternoon.

Visibility: Occasional or periods of cloud above 450-600m, but more occasional above 600m in east, developing through the afternoon. Otherwise visibility good or very good, but a few hundred metres in any early low level fog patches, falling to several kilometres in rain.

Forecast for Monday 11 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/20 NW	13/19 NW	12/17 W	12/17 W	15/22 NW	16/24 NW	14/22 W	16/23 W	16/23 W
300	7/12 W	7/14 NW	7/11 SW	9/14 NW	13/20 NW	13/21 NW	10/17 W	10/16 W	10/17 W
Valley	5/14 NW	6/16 NW	4/11 NW	5/10 NW	10/20 NW	10/21 NW	7/16 W	6/15 W	6/14 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	6/2	6/2	7/3	8/5	9/5	8/4	7/3	7/3
300	9/7	8/6	8/6	9/7	11/9	12/9	10/8	10/7	9/7
Valley	9/8	8/7	8/7	10/9	12/10	12/10	11/10	10/9	10/9
Freezing Level*	1500m	1400m	1500m	1700m	1700m	1700m	1800m	1800m	1900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Valley temperatures in east rising to plus 15 or 16 Celsius by early afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Sun 10 Oct 2021

Last 24 hours:
3.6mm

Last 48 hours:
3.6mm

Last 72 hours:
4.6mm

Forecast for Tuesday 12 Oct 2021

Weather: Rather cloudy with occasional, mainly light rain, especially across western hills. Best of any brighter spells expected in the east.

Maximum wind: Northwesterly 15-20mph decreasing 10mph through the morning.

Chance of cloud free mountain/hill tops above 600m: Around 30% in west, but nearer 75% in the east.

Visibility: Occasional or periods of cloud above 450-600m in the west, but cloud more occasional above about 600m in the east.

Temperature: **Valleys:** Plus 8 or 9 Celsius at dawn rising to plus 14 or 15 Celsius by day
At 600m: Plus 8 or 9 Celsius
Freezing level: Above summits.